

Serial No. 10/816,855  
Docket No. US01-03060  
(FUJI.052)

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AMENDMENTS TO THE CLAIMS:

1. (Currently amended) A device for preventing burn-in of a display screen of an image display device, the device comprising:  
  
a blurring device for applying a blurring process to an input image signal associated with a single displayed screen to obtain a blurred image signal associated with the single displayed screen; and  
  
a contrast inversion device for inverting contrast of a luminance level of the blurred image signal associated with the single displayed screen to generate a burn-in prevention image signal associated with the single displayed screen.
2. (Currently amended) The device according to claim 1, wherein pixel data of the input image signal associated with the single displayed screen is grouped into a plurality of pixel blocks, each pixel block includes N rows  $\times$  M columns of pixels, and the blurring device includes a quantizer that quantizes the pixel data of the input image signal associated with the single displayed screen for each pixel block.
3. (Currently amended) The device according to claim 2, further comprising:  
  
a device for varying a size of the pixel block for each field of the input image signal associated with the single displayed screen.
4. (Currently amended) The device according to claim 1, further comprising:  
  
a device for applying a position variation process to the burn-in prevention image signal associated with the single displayed screen to shift, with an elapse of time, a

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display position on the display screen of a display object that is displayed on the basis of the input image signal associated with the single displayed screen.

5. (Currently amended) The device according to claim 1, wherein pixel data of the input image signal associated with the single displayed screen is grouped into a plurality of pixel blocks, each pixel block includes N rows  $\times$  M columns of pixels, and the blurring device includes a mosaicking circuit that mosaicks the pixel data of the input image signal associated with the single displayed screen for each pixel block.

6. (Currently amended) The device according to claim 5, further comprising:  
a device for varying a size of the pixel block for each field of the input image signal associated with the single displayed screen.

7. (Currently amended) The device according to claim 5, further comprising:  
a device for applying a position variation process to the burn-in prevention image signal associated with the single displayed screen to shift, with an elapse of time, a display position on the display screen of a display object that is displayed on the basis of the input image signal associated with the single displayed screen.

8. (Currently amended) A method of preventing burn-in of a display screen of an image display device, the method comprising:

A) subjecting an input image signal associated with a single displayed screen to blurring to obtain a blurred image signal associated with the single displayed screen; and

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B) subjecting the blurred image signal associated with the single displayed screen to contrast inversion to invert contrast of a luminance level of the blurred image signal associated with the single displayed screen to generate a burn-in prevention image signal associated with the single displayed screen.

9. (Currently amended) The method according to claim 8, wherein pixel data of the input image signal associated with the single displayed screen is grouped into a plurality of pixel blocks, each pixel block includes N rows  $\times$  M columns of pixels, and said subjecting the input image signal associated with the single displayed screen to blurring includes quantizing the pixel data of the input image signal associated with the single displayed screen for each pixel block.

10. (Currently amended) The method according to claim 9, further comprising:  
varying a size of the pixel block for each field of the input image signal associated with the single displayed screen.

11. (Currently amended) The method according to claim 8, further comprising:  
applying a position variation process to the burn-in prevention image signal associated with the single displayed screen to shift, with an elapse of time, a display position on the display screen of a display object that is displayed on the basis of the input image signal associated with the single displayed screen.

12. (Currently amended) The method according to claim 8, wherein pixel data of the input image signal associated with the single displayed screen is grouped into a plurality

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of pixel blocks, each pixel block includes  $N$  rows  $\times$   $M$  columns of pixels, and said  
subjecting the input image signal associated with the single displayed screen to blurring  
includes mosaicking the pixel data of the input image signal associated with the single  
displayed screen for each pixel block.

13. (Currently amended) The method according to claim 12, further comprising:  
varying a size of the pixel block for each field of the input image signal associated  
with the single displayed screen.
14. (Currently amended) The method according to claim 12, further comprising:  
applying a position variation process to the burn-in prevention image signal  
associated with the single displayed screen to shift, with an elapse of time, a display  
position on the display screen of a display object that is displayed on the basis of the input  
image signal associated with the single displayed screen.
15. (Currently amended) A display apparatus comprising:  
a display device including a display screen;  
a contour modification circuit for blurring an input image associated with a single  
displayed screen to obtain a blurred image associated with the single displayed screen  
when the input image associated with the single displayed screen includes a still image;  
a contrast inversion circuit for inverting contrast of a luminance level of the  
blurred image associated with the single displayed screen to obtain a contrast inverted  
image associated with the single displayed screen; and

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a driver for displaying the contrast inverted image associated with the single displayed screen on the display screen when the input image associated with the single displayed screen includes a still image.

16. (Previously presented) The display apparatus according to claim 15, wherein the contour modification circuit includes a quantizer.

17. (Previously presented) The display apparatus according to claim 15, wherein the contour modification circuit includes a mosaicker.

18. (Currently amended) The display apparatus according to claim 15, wherein pixels of the input image associated with the single displayed screen are grouped into a plurality of pixel blocks, and the contour modification circuit blurs the pixels of the input image associated with the single displayed screen for each pixel block.

19. (Currently amended) The display apparatus according to claim 18, further comprising:

a controller for varying a size of the pixel block for each field of the input image associated with the single displayed screen.

20. (Currently amended) The display apparatus according to claim 15, further comprising:

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a second controller for shifting, with an elapse of time, a display position of the  
burn-in prevention image associated with the single displayed screen on the display  
screen.